

Zahira Fauqanurin Zahma. 2025. *Penerapan Model Problem Based Learning Berbantuan Poster terhadap Literasi Sains Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura, Pembimbing: Aditya Rakhmawan.

ABSTRAK

Penelitian dilaksanakan dengan menggunakan model *problem based learning* berbantuan poster untuk mengetahui bagaimana hasil literasi sains siswa. Tujuan penelitian ini dilakukan adalah untuk mengetahui pengaruh penerapan model *problem based learning* berbantuan poster terhadap literasi sains siswa SMPN 1 Kamal pada materi klasifikasi makhluk hidup. Penelitian ini menggunakan metode kuantitatif eksperimen yaitu *quasi experimental design* dengan desain penelitian yaitu *nonequivalent control group design*. Populasi penelitian ini yaitu semua siswa kelas VII SMPN 1 Kamal semester genap tahun ajaran 2024/2025. Pengambilan sampel menggunakan teknik *purposive sampling* yang terdiri dari kelas VII F sebagai kelas kontrol dan kelas VII E sebagai kelas eksperimen dengan masing-masing sebanyak 32 siswa. Data dikumpulkan dengan menggunakan tes kemampuan literasi sains, lembar observasi keterlaksanaan pembelajaran, dan angket respons siswa. Hasil penelitian menunjukkan bahwa terdapat perbedaan kemampuan literasi sains siswa pada kelas kontrol dan kelas eksperimen dengan nilai $0,00 < 0,05$. Peningkatan kemampuan literasi sains siswa berdasarkan uji *N-Gain score* menunjukkan rata-rata 0,7 dengan kriteria tinggi. Rata-rata persentase observasi keterlaksanaan pembelajaran sebesar 100% dengan kriteria sangat baik, dan hasil respons siswa terhadap pembelajaran sebesar 91% dengan kriteria sangat baik.

Kata kunci: model *problem based learning*, literasi sains siswa, poster

Zahira Fauqanurin Zahma. 2025. *Implementation of Poster-Assisted Problem Based Learning Model on Students' Science Literacy*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University Madura, Advisor: Aditya Rakhmawan.

ABSTRACT

The study was conducted using a poster-assisted problem-based learning model to determine the results of students' scientific literacy. The purpose of this study was to determine the effect of implementing a poster-assisted problem-based learning model on the scientific literacy of SMPN 1 Kamal students on the material of classification of living things. This study used a quantitative experimental method, namely quasi-experimental design with a research design, namely nonequivalent control group design. The population of this study was all students of class VII SMPN 1 Kamal in the even semester of the 2024/2025 academic year. Sampling used a purposive sampling technique consisting of class VII F as the control class and class VII E as the experimental class with 32 students each. Data were collected using a science literacy ability test, learning implementation observation sheets, and student response questionnaires. The results showed that there was a difference in students' scientific literacy abilities in the control class and the experimental class with a value of $0.00 < 0.05$. The increase in students' scientific literacy abilities based on the N-Gain score test showed an average of 0.7 with high criteria. The average percentage of observations of learning implementation was 100% with very good criteria, and the results of student responses to learning were 91% with very good criteria.

Keywords: *problem based learning model, student science literacy, poster*